

Date Opened: **09 September 2013**

Job #: **698**  
Project: **Mounting Beams**  
Type: **Bell 206L/407**

Approval: **SH00-48**  
Drawing List: **DCL698-2, Rev. 4**

Fabrication and Assembly Drawing(s)	Description
69830, Rev. 4	Forward Beam
69831, Rev. 3	Aft Beam

Complete material tracking information on attached pages.

Work Order pre-completion Inspection:

Project is on Approval Limitation Record: Y  
Document Control List revision level matches (or exceeds) STC: Y  
Drawings revision levels match Document Control List: Y  
  
Purchase order or Work order source is recorded for each part/ass'y: Y  
Tests and inspections specifically called out on drawings are complete: Y  
Release tags associated with all fabricated parts are attached: Y  
All mounting hardware and supplies are included: Y

List all non-conformities raised: \_\_\_\_\_

Inspector Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Date Opened: 09 September 2013

Job #: 698  
Project: Mounting Beams  
Type: Bell 206L/407

Approval: SH00-48  
Drawing List: DCL698-2, Rev. 4

Fabrication and Assembly Drawing(s)	Description
69830, Rev. 4	Forward Beam
69831, Rev. 3	Aft Beam

Complete material tracking information on attached pages.

Work Order pre-completion Inspection:

Project is on Approval Limitation Record:	Y
Document Control List revision level matches (or exceeds) STC:	Y
Drawings revision levels match Document Control List:	Y
Purchase order or Work order source is recorded for each part/ass'y:	Y
Tests and inspections specifically called out on drawings are complete:	Y
Release tags associated with all fabricated parts are attached:	Y
All mounting hardware and supplies are included:	Y

List all non-conformities raised: \_\_\_\_\_

Inspector Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Drawing: 69830 Revision 3  
Assembly: 69830-02 Forward Beam (Stainless)  
Batch Quantity: 5 sets

Qty	Part #	Description	Material	P.O./W.O.	Checked
5 Total	69830-02	Forward Beam Assembly			
. 1	69830-13	Tube	304 Stainless, 1x2x0.125 tube	13036	
. 1	69830-14	Tube	304 Stainless, 1x2x0.125 tube	13036	
. 2	69830-15	Bushing	316 Stainless, 5/8" x 0.120 tube		
. 1	69830-16	Strap	304 Stainless, 0.105" Sheet	10036	
. 1	69830-17	Block	304 Stainless, 3/16" x 3/4" bar		
. 1	69830-19	Cap	321 Stainless, 0.032" Sheet		
. 1	69830-20	Cap	321 Stainless, 0.032" Sheet		
. 1	69830-11	Guide	304 Stainless, 3/4" x 0.065" Rnd. Tube		
. 1	69830-21	Stop	6061-T6 Aluminum, 5/8" Rod	WO2012-45	
. 1	69830-22	Knob	6061-T6 Aluminum, 3/4" Rod	WO2012-45	
. 1	69830-23	Spring	15mm x 70 mm Spring	13032	
. 1	#10-32	Screw	Stainless Steel, Commercial	11098	
. 1	MS21044C3	Nut		13048	

Processes	Per	Mat'ls Used	Initials
Welding	AMS2685C	ER308L Rod - PO13053	
Powder Coat	Drawing 69830		
Final Inspection	Drawing 69830		

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: 69831 Revision 3  
 Assembly: 69831-02 Aft Beam (Stainless)  
 Batch Quantity: 6 sets

Qty	Part #	Description	Material	P.O./W.O.	Checked
6 Total	69831-02	Aft Beam Assembly			
. 1	69831-13	Tube	304 Stainless, 1x2x0.125 tube	13036	
. 1	69831-14	Tube	304 Stainless, 1x2x0.125 tube	13036	
. 1	69831-15	Tube	304 Stainless, 1x2x0.125 tube	13036	
. 2	69830-15	Bushing	316 Stainless, 5/8" x 0.120 tube		
. 1	69830-16	Strap	304 Stainless, 0.105" Sheet	10036	
. 1	69830-17	Block	304 Stainless, 3/16" x 3/4" bar		
. 1	69830-19	Cap	321 Stainless, 0.032" Sheet		
. 1	69830-20	Cap	321 Stainless, 0.032" Sheet		
. 1	69830-11	Guide	304 Stainless, 3/4" x 0.065" Rnd. Tube		
. 1	69830-21	Stop	6061-T6 Aluminum, 5/8" Rod	WO2012-45	
. 1	69830-22	Knob	6061-T6 Aluminum, 3/4" Rod	WO2012-45	
. 1	69830-23	Spring	15mm x 70 mm Spring	13032	
. 1	#10-32	Screw	Stainless Steel, Commercial	11098	
. 1	MS21044C3	Nut		13048	

Processes	Per	Mat'ls Used	Initials
Welding	AMS2685C	ER308L Rod - PO13053	
Powder Coat	Drawing 69831		
Final Inspection	Drawing 69831		

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.



Drawing: **69830 Revision 3**  
 Assembly: **69830-02 Forward Beam (Stainless)**  
 Batch Quantity: **5 sets**

Qty	Part #	Description	Material	P.O./W.O.	Checked
<i>8.45</i> Total	69830-02	Forward Beam Assembly			
.1	69830-13	Tube	304 Stainless, 1x2x0.125 tube	13036	CB
.1	69830-14	Tube	304 Stainless, 1x2x0.125 tube	13036	CB
.2	69830-15	Bushing	316 Stainless, 5/8" x 0.120 tube	WO 2013-39	
.1	69830-16	Strap	304 Stainless, 0.105" Sheet	10036	
.1	69830-17	Block	304 Stainless, 3/16" x 3/4" bar	13028	
.1	69830-19	Cap	321 Stainless, 0.032" Sheet	10037	
.1	69830-20	Cap	321 Stainless, 0.032" Sheet	10037	
.1	69830-11	Guide	304 Stainless, 3/4" x 0.065" Rnd. Tube	10037	
.1	69830-21	Stop	6061-T6 Aluminum, 5/8" Rod	WO2012-45	CB
.1	69830-22	Knob	6061-T6 Aluminum, 3/4" Rod	WO2012-45	
.1	69830-23	Spring	15mm x 70 mm Spring	13032	
.1	#10-32	Screw	Stainless Steel, Commercial	11098	
.1	MS21044C3	Nut		13048	

Processes	Per	Mat'ls Used	Initials
Welding	AMS2685C	ER308L Rod - PO13053	
Powder Coat	Drawing 69830		
Final Inspection	Drawing 69830		

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: **69831 Revision 3**  
 Assembly: **69831-02 Aft Beam (Stainless)**  
 Batch Quantity: **6 sets**

Qty	Part #	Description	Material	P.O./W.O.	Checked
<i>jc. 4</i> <del>6</del> Total	69831-02	Aft Beam Assembly			
. 1	69831-13	Tube	304 Stainless, 1x2x0.125 tube	13036	
. 1	69831-14	Tube	304 Stainless, 1x2x0.125 tube	13036	
. 1	69831-15	Tube	304 Stainless, 1x2x0.125 tube	13036	
. 2	69830-15	Bushing	316 Stainless, 5/8" x 0.120 tube	<i>WO 2013-39</i>	
. 1	69830-16	Strap	304 Stainless, 0.105" Sheet	10036	
. 1	69830-17	Block	304 Stainless, 3/16" x 3/4" bar	<i>13028</i>	
. 1	69830-19	Cap	321 Stainless, 0.032" Sheet	<i>10037</i>	
. 1	69830-20	Cap	321 Stainless, 0.032" Sheet	<i>10037</i>	
. 1	69830-11	Guide	304 Stainless, 3/4" x 0.065" Rnd. Tube	<i>WO 2013-38</i>	
. 1	69830-21	Stop	6061-T6 Aluminum, 5/8" Rod	WO2012-45	
. 1	69830-22	Knob	6061-T6 Aluminum, 3/4" Rod	WO2012-45	
. 1	69830-23	Spring	15mm x 70 mm Spring	13032	
. 1	#10-32	Screw	Stainless Steel, Commercial	11098	
. 1	MS21044C3	Nut		13048	

Processes	Per	Mat'ls Used	Initials
Welding	AMS2685C	ER308L Rod – PO13053	
Powder Coat	Drawing 69831		
Final Inspection	Drawing 69831		

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.



Description: \_\_\_\_\_

[illegible]



## Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

Nomenclature: AFT BEAM No. of pieces: \_\_\_\_\_

Manufacturer: AERO DESIGN

Part No.: 69831-02 Serial / W.O. No.: U/K

TTSN: N/A TSO: N/A Rem.: N/A

Work Order No.: 2013-37

Remaining Tasks to be Performed: NONE

Signature: C Carpenter

Date: Oct 10 / 13 Lic. No. / ACA AD04

Serviceable





## **Aero Design Ltd.**

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: [info@aerodesign.ca](mailto:info@aerodesign.ca)

**AMF 73-04**

### **Remarks**

**Serviceable**

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## Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

Nomenclature: FWD BEAM No. of pieces: \_\_\_\_\_

Manufacturer: AERO DESIGN

Part No.: 69830-02 Serial / W.O. No.: N/K

TTSN: N/A TSO: N/A Rem.: N/A

Work Order No.: ~~2013-23~~ 2013-37 JK

Remaining Tasks to be Performed: NONE

Signature: Chapman

Date: Oct 10/13 Lic. No. / ACA AD04

Serviceable



Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: [info@aerodesign.ca](mailto:info@aerodesign.ca)

AMF 73-04

Remarks

Serviceable

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## Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

Nomenclature: AFT BEAM No. of pieces:           

Manufacturer: AERO DESIGN

Part No.: 69831-02 Serial / W.O. No.: W/K

TTSN: N/A TSO: N/A Rem.: N/A

Work Order No.: 2013-37

Remaining Tasks to be Performed: NONE

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\_\_\_\_\_

Signature: E. Carpenter

Date: OCT 10 / 13 Lic. No. / ACA: ADDY

Serviceable





Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: [info@aerodesign.ca](mailto:info@aerodesign.ca)

AMF 73-04

Remarks

Serviceable

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## Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

Nomenclature: FLUID BEAM No. of pieces: \_\_\_\_\_

Manufacturer: AERO DESIGN

Part No.: 64830-02 Serial / W.O. No.: N/A

TTSN: N/A TSO: N/A Rem.: N/A

Work Order No.: 2013-23 2013-37 AL

Remaining Tasks to be Performed: NONE

Signature: E. Carpentier

Date: Oct 10/13 Lic. No. / ACA AD04

Serviceable



## Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: [info@aerodesign.ca](mailto:info@aerodesign.ca)

AMF 73-04

### Remarks

Serviceable

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1. Approving Civil Aviation Authority/Country <b>Transport Canada</b>		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.
4. Organization Name and Address <b>AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3</b>					5. Work Order/Contract/Invoice <b>WO 2013-37</b>
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work
	<b>Forward Beam</b>	<b>69830-02</b>	<b>1</b>	<b>N/A</b>	<b>New</b>
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation.  <input type="checkbox"/> Non approved design data specified in block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12  Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature  AD02		13c. Approved Organization Number <b>AMF 73-04</b>		14b. Signature	
13d. Name <b>Jeff Clarke - AD02</b>		13e. Date (dd/mmm/yyyy) <b>21 Jan 2014</b>		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mmm/yyyy)	
<b>Installer Responsibilities</b>					
This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified. Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.					

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1. Approving Civil Aviation Authority/Country <b>Transport Canada</b>		2. AUTHORIZED RELEASE CERTIFICATE <b>FORM ONE</b>			3. Form Tracking No.	
4. Organization Name and Address <b>AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3</b>					5. Work Order/Contract/Invoice <b>WO 2013-37</b>	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work	
1.	Forward Beam	69830-02	1	N/A	New	
2.	Aft Beam	69831-02	1			
12. Remarks						
13a. Certifies that the items identified above were manufactured in conformity to:				14a. <input type="checkbox"/> CAR 571.10 Maintenance Release		
<input checked="" type="checkbox"/> Approved design data and are in condition for safe operation.				<input type="checkbox"/> Other regulation specified in block 12		
<input type="checkbox"/> Non approved design data specified in block 12.				Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature  AD02		13c. Approved Organization Number <b>AMF 73-04</b>		14b. Signature		14c. Approved Organization Number
13d. Name <b>Jeff Clarke – AD02</b>		13e. Date (dd/mm/yyyy) <b>10 Dec 2013</b>		14d. Name		14e. Date (dd/mm/yyyy)
<p align="center"><b>Installer Responsibilities</b></p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

1. Approving Civil Aviation Authority/Country <b>Transport Canada</b>		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.	
4. Organization Name and Address <b>AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3</b>					5. Work Order/Contract/Invoice <b>WO 2013-37</b>	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work	
1.	Forward Beam	69830-02	1	N/A	New	
2.	Aft Beam	69831-02	1			
12. Remarks						
13a. Certifies that the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation.  <input type="checkbox"/> Non approved design data specified in block 12.				<div style="border: 1px solid black; padding: 5px;">         14a. <input type="checkbox"/> CAR 571.10 Maintenance Release   <input type="checkbox"/> Other regulation specified in block 12           Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.       </div>		
13b. Signature  AD02		13c. Approved Organization Number <b>AMF 73-04</b>		14b. Signature		14c. Approved Organization Number
13d. Name <b>Jeff Clarke – AD02</b>		13e. Date (dd/mm/yyyy) <b>10 Dec 2013</b>		14d. Name		14e. Date (dd/mm/yyyy)
<b>Installer Responsibilities</b>						
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6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work	
1.	Forward Beam	69830-02	1	N/A	New	
2.	Aft Beam	69831-02	1			
12. Remarks						
13a. Certifies that the items identified above were manufactured in conformity to:			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.			
<input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.						
13b. Signature  AD02		13c. Approved Organization Number <b>AMF 73-04</b>		14b. Signature		14c. Approved Organization Number
13d. Name <b>Jeff Clarke – AD02</b>		13e. Date (dd/mmm/yyyy) <b>10 Dec 2013</b>		14d. Name		14e. Date (dd/mmm/yyyy)
<p style="text-align: center;"><b>Installer Responsibilities</b></p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

HELIX 173


1. Approving Civil Aviation Authority/Country <b>Transport Canada</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE FORM ONE</b>			3. Form Tracking No.	
4. Organization Name and Address <b>AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3</b>					5. Work Order/Contract/Invoice <b>WO 2013-37</b>	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work	
1.	Forward Beam	69830-02	1	N/A	New	
2.	Aft Beam	69831-02	1			
12. Remarks						
13a. Certifies that the items identified above were manufactured in conformity to:			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.			
<input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.						
13b. Signature <i>Jeff Clarke</i> AD02		13c. Approved Organization Number <b>AMF 73-04</b>		14b. Signature		14c. Approved Organization Number
13d. Name <b>Jeff Clarke – AD02</b>		13e. Date (dd/mmm/yyyy) <b>10 Dec 2013</b>		14d. Name		14e. Date (dd/mmm/yyyy)
<p style="text-align: center;"><b>Installer Responsibilities</b></p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

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1. Approving Civil Aviation Authority/Country <b>Transport Canada</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE FORM ONE</b>			3. Form Tracking No.	
4. Organization Name and Address <b>AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3</b>					5. Work Order/Contract/Invoice <b>WO 2013-37</b>	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work	
1.	Forward Beam	69830-02	1	N/A	New	
2.	Aft Beam	69831-02	1			
12. Remarks						
13a. Certifies that the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation.  <input type="checkbox"/> Non approved design data specified in block 12.				14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12  Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature 		13c. Approved Organization Number <b>AMF 73-04</b>		14b. Signature		14c. Approved Organization Number
13d. Name <b>Jeff Clarke – AD02</b>		13e. Date (dd/mm/yyyy) <b>10 Dec 2013</b>		14d. Name		14e. Date (dd/mm/yyyy)
<p style="text-align: center;"><b>Installer Responsibilities</b></p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

HEAVY FIX

1. Approving Civil Aviation Authority/Country <b>Transport Canada</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE FORM ONE</b>			3. Form Tracking No.
4. Organization Name and Address <b>AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3</b>					5. Work Order/Contract/Invoice <b>WO 2013-48</b>
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work
	<b>Cargo Basket</b>	<b>94510-01</b>	<b>1</b>	<b>94501-09</b>	<b>New</b>
12. Remarks <b>Modified with Front End Cutout and Lid Walkway IAW DCL704</b>					
13a. Certifies that the items identified above were manufactured in conformity to:			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12		
<input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature 		13c. Approved Organization Number <b>AMF 73-04</b>		14b. Signature	
13d. Name <b>Jeff Clarke – AD02</b>		13e. Date (dd/mmm/yyyy) <b>10 Dec 2013</b>		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mmm/yyyy)	
<b>Installer Responsibilities</b> This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified. Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.					

HELIX

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6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work
1.	Forward Beam	69830-02	1	N/A	New
2.	Aft Beam	69831-02	1		
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to:			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12		
<input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the <del>Canadian Aviation Regulations</del> .		
13b. Signature  AD02		13c. Approved Organization Number <b>AMF 73-04</b>		14b. Signature	
13d. Name <b>Jeff Clarke – AD02</b>		13e. Date (dd/mm/yyyy) <b>10 Dec 2013</b>		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mm/yyyy)	
<b>Installer Responsibilities</b>					
This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified. Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.					

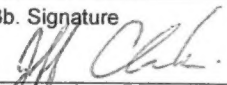
1. Approving Civil Aviation Authority/Country Transport Canada	2. <b>AUTHORIZED RELEASE CERTIFICATE FORM ONE</b>	3. Form Tracking No.
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4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3	5. Work Order/Contract/Invoice WO 2013-37
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6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work
1.	Forward Beam	69830-02	1	N/A	New
2.	Aft Beam	69831-02	1		

12. Remarks
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13a. Certifies that the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation.  <input type="checkbox"/> Non approved design data specified in block 12.	<del>           14a. <input type="checkbox"/> CAR 571.10 Maintenance Release   <input type="checkbox"/> Other regulation specified in block 12             Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.         </del>
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13b. Signature 	13c. Approved Organization Number AMF 73-04	<del>14b. Signature</del>	<del>14c. Approved Organization Number</del>
13d. Name Jeff Clarke	13e. Date (dd/mm/yyyy) 18 Dec 2013	<del>14d. Name</del>	<del>14e. Date (dd/mm/yyyy)</del>


#### Installer Responsibilities

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Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.

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EL Bow R/V072

1. Approving Civil Aviation Authority/Country <b>Transport Canada</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE FORM ONE</b>			3. Form Tracking No.	
4. Organization Name and Address <b>AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3</b>					5. Work Order/Contract/Invoice <b>WO 2013-37</b>	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work	
	<b>Aft Beam</b>	<b>69831-02</b>	<b>1</b>	<b>N/A</b>	<b>New</b>	
12. Remarks						
13a. Certifies that the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation.  <input type="checkbox"/> Non approved design data specified in block 12.				<del>           14a. <input type="checkbox"/> CAR 571.10 Maintenance Release  <input type="checkbox"/> Other regulation specified in block 12             Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.         </del>		
13b. Signature		13c. Approved Organization Number		14b. Signature		14c. Approved Organization Number
 AD02		<b>AMF 73-04</b>				
13d. Name		13e. Date (dd/mmm/yyyy)		14d. Name		14e. Date (dd/mmm/yyyy)
<b>Jeff Clarke - AD02</b>		<b>21 Jan 2014</b>				

#### Installer Responsibilities

This certificate does not constitute authority to install.

Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.

Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.

CLASSIC







Technical drawing of a propeller assembly, showing side and end views with dimensions and callouts.

**Side View Dimensions:**

- Overall length: 41.18
- Hub diameter: 0.63
- Blade thickness at base: 0.08
- Blade angle: 42°
- Blade thickness at tip: 0.04
- Tip diameter: 0.07 #1.2/28 (0.406)

**End View Dimensions:**

- Hub diameter: 0.63
- Blade thickness at base: 0.08
- Blade angle: 42°
- Blade thickness at tip: 0.04
- Tip diameter: 0.07 #1.2/28 (0.406)

**Callouts and Notes:**

- 01: 0.08 THIS SIDE ONLY
- 02: 0.08 THIS SIDE ONLY
- 03: 0.08 THIS SIDE ONLY
- 04: 0.08 THIS SIDE ONLY
- 05: 0.08 THIS SIDE ONLY
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(05) BUSHING

(06) STRAP

(07) BLOCK

(09) CAP

(10) CAP

(11) GUIDE

(12) STOP

Technical drawing showing three vertical components (A, B, and C) with dimensions and callouts.

**Component A (Left):**

- Top hole: 0.75 (width)
- Second hole: 6.18 (width)
- Third hole: 1.08 (width)
- Bottom hole: 3.81 (width)
- Bottom angle: 22.5°

**Component B (Middle):**

- Top hole: 1.08 (width)
- Second hole: 1.08 (width)
- Third hole: 1.08 (width)
- Bottom hole: 1.08 (width)

**Component C (Right):**

- Top hole: 1.08 (width)
- Second hole: 1.08 (width)
- Third hole: 1.08 (width)
- Bottom hole: 1.08 (width)
- Bottom hole callouts:
  - 40.75 TOP
  - DRAW 5/16 (0.312)
  - 30.21 #1/2 (0.406)
  - 0.75 (width)
  - 0.50 (width)
  - 11.88 REF TO TOP 30.0
  - 4.18 (width)

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